PTO-1390 (Rev. 07-2004)
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TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTTORNEY'S DOCKET NUMBER 2271/73277 U.S. APPLICATION NO. (If known, see & OFR 1.5)

CONCERNING	A SUBMISSIC	'	10//1444					
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED 15 March 2004 18 March 2003								
TITLE OF INVENTION METHOD, INK R	INK BAG. TNK	CARTRIDGE	AND TNK-	JET R	ECORDING D OF INK	APPARATUS, CARTRIDGE,	I NK AND	FILLI
APPLICANT(S) FOR DO	EO/US METHO	D OF INK CA	RTRIDGE					
Masakazu MUR. Applicant herewith sub	ANAKA, Masato	o SUZUKI, T	akanori .	DO/EO	/US) the follow	asami IGUCH	r inforn	nation:
	submission of items c					3		
						371		
	ND or SUBSEQUENT						me	
3. X This is an expre (5), (6), (9) and	ess request to begin na d (21) indicated below.	tional examination pr	rocedures (35 O.	.s.c. sr	i(i)). The submis	SSION MUSE INCIDUO NO	5	
4. The US has be	en elected (Article 31).							
5. X A copy of the	International Application	on as filed (35 U.S.C	. 371(c)(2))					
a. 🗶 isa	attached hereto (require	ed only if not commun	nicated by the In	ternation	al Bureau).	•		
b. 🔲 has	been communicated t	by the International B	ureau.					
c. 🔲 is r	not required, as the app	dication was filed in t	he United States	Receivi	ng Office (RO/U	S).		
6. An English la	anguage translation of t	he International Appl	lication as filed (35 U.S.C	c. 371(c)(2)).			
a. 🔲 is	attached hereto.							
b. 🔲 ha	s been previously subn	nitted under 35 U.S.C	C. 154(d)(4).					
7. Amendment	s to the claims of the In	ternational Application	on under PCT Ar	ticle 19 (35 U.S.C. 371(c)(3))		
a. a	re attached hereto (req	uired only if not com	municated by the	tnterna	tional Bureau).			
þ. 🔲 h	ave been communicate	ed by the Internationa	l Bureau.					
c. D	ave not been made; ho	wever, the time limit	for making such	amendr	nents has NOT	expired.		
d. L. h	ave not been made and	d will not be made.						
8. An English	anguage translation of	the amendments to t	the claims under	PCT Ar	ticle 19 (35 U.S.	C. 371(c)(3)).		•
	eclaration of the invent							
	anguage translation of t 5 U.S.C. 371(c)(5)).	the annexes of the In	ternational Preli	minary E	xamination Rep	ort under PCT		
Items 11 to 20 belo	w concern document	(s) or information in	ncluded:				•	
11. X An Informati	on Disclosure Stateme	nt under 37 CFR 1.93	7 and 1.98.					
12. X An assignme	ent document for record	ding. A separate cove	er sheet in comp	liance w	th 37 CFR 3.28	and 3.31 is included.		
13. A preliminar	y amendment.							
14. An Application	on Data Sheet under 3	7 CFR 1.76.						
15. A substitute	specification.							
16. A power of a	attorney and/or change	of address letter.						
17. A computer-	readable form of the se	equence listing in acc	ordance with PC	T Rule	13 <i>ter.</i> 2 and 37 C	FR 1.821- 1.825.		
18. A second co	py of the published Inte	ernational Application	under 35 U.S.C	C. 154(d)	(4).			
19. A second co	py of the English langu	age translation of the	e International A	pplicatio	n under 35 U.S.	C. 154(d)(4).		
20 X Other items	or information: See	attached P	age 3.					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

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DT15 Rec'd PCT/PT0 1 5 NOV 2004

PTO-1390 (Rev. 10-2004)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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21. [X] The following fees are submitted: BASIC NATIONAL FEE (CPR 1.492(a)(1)+5): BASIC NATIONAL FEE (CPR 1.492(a)(1)+5): Nother infarmational perfeminary examination fee (37 CFR 1.482(a)) and to USPTO and international Search Report properted by the EPO or JPO	U.S. APPLICATION N	10. (if known, see 37 CFR 1.5)	PCT/JP2004/		ATTORNEY'S DOCKET NUMBER 2271/73277					
BASIC NATIONAL FEE (CFR 1.482(a)(1)-(5)): Whithir International preliminary examination for (37 CFR 1.482) nor international preliminary examination for (37 CFR 1.482) not page of the PEPO or JPO	21 X The following	fees are submitted:			CALCULATIONS	PTO USE ONLY				
Neither international preliminary examination fee (37 CFR 1.452) nor international search Report not prepared by the EPO or JPO						····				
USPTO but international Search Report prepared by the EPO or JPO	Neither international pr	reliminary examination fee (37 h fee (37 CFR 1.445(a)(2)) pai								
but international search (se (37 CFR 1.445a)(2)) paid to USPTO										
International preliminary examination fee (37 CFR 1.482) paid to USPTO ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$130.00 for furnishing the coat or education later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE \$ Total claims 46 - 20 = 26										
Second S	International preliminar but all claims did not sa	y examination fee (37 CFR 1.4 atisfy provisions of PCT Article	182) paid to USPTO 33(1)-(4)	\$750.00						
CLAIMS NUMBER FILED NUMBER EXTRA RATE CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 46 - 20 = 26	and all claims satisfied	provisions of PCT Article 33(1	\$ 950.00							
Total claims					\$					
Independent claims 14 3 = 11	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$					
MULTIPLE DEPENDENT CLAIM(S) (if applicable) TOTAL OF ABOVE CALCULATIONS = \$2,386.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by %. SUBTOTAL = \$2,386.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest staimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$2,386.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$2,426.00 Amount to be refunded and to be charged: A check in the amount of \$2,426.00 to cover the above fees is enclosed. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 0.3-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 0.3-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 0.3-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 0.3-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 0.3-4125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 0.3-4125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge an	Total claims	46 - 20 =	26	X \$18.00	\$468.00					
TOTAL OF ABOVE CALCULATIONS = \$2,386.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by %. SUBTOTAL = \$2,386.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). TOTAL NATIONAL FEE = \$2,386.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$2,426.00 Amount to be refunded: Amount to be charged to a credit card. Warning: A cupicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed. The Commissioner is hereby author	Independent claims	14 -3=	11	X \$88.00	\$ 968.00					
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Cooper & Dunham LLP 1185 Avenue of the Americas New York, New York 10036 Paul Teng NAME 40,837				Jan L	tug					
1185 Avenue of the Americas New York, New York 10036 NAME 40,837		-			no (
New York, New York 10036 40,837	_		<u>"• U</u>							
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Page 3 of Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Submission Under 35 U.S.C. 371

20. Other items or information:

cover page of PCT Publication No. WO 2004/082944 A1, copy of PCT Request, copy of Notification Concerning Submission Or Transmittal Of Priority Document, copy of Notification Of Transmittal Of The International Search Report And The Written Opinion Of The International Searching Authority, Or The Declaration, and copy of Written Opinion Of The International Searching Authority.

10/514415

DT15 Recid PCT/PTO 1 5 NOV 2004

IN THE UNIT STATES PATENT AND TRADEMARK FFICE

Application of:

Masakazu MURANAKA, Masato SUZUKI, Takanori TSUYUKI and

Masami IGUCHI

Serial No.

Not Yet Known

Int'l Application

No.: PCT/JP2004/003431

Date Filed

Concurrently Herewith

Int'l Application

Filing Date: 15 March 2004

For

INK BAG, INK CARTRIDGE AND INK-JET RECORDING APPARATUS, INK FILLING METHOD, INK REFILLING METHOD, MANUFACTURING METHOD OF INK CARTRIDGE, AND

RECYCLING METHOD OF INK CARTRIDGE

Mail Stop PCT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 ATTN: DO/EO/US

Sir:

EXPRESS MAIL LETTER OF TRANSMITTAL

Express Mail mailing label number: EV507948478US

Date of Deposit: November 15, 2004

I hereby certify that the above-identified new application, consisting of three pages of the Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371 (in duplicate), a copy of the International Application as filed [including 78-page specification with claims 1-46, Abstract and 26 sheets of formal drawings (Figs. 1-33)], Declaration And Power Of Attorney (4 pages), Assignment and Recordation Cover Sheet (4 pages total), Information Disclosure Statement (including Form PTO-1449 and copies of references), cover page of PCT Publication No. WO 2004/082944 A1, copy of PCT Request, copy of Notification Concerning Submission Or Transmittal Of Priority Document, copy of Notification Of Transmittal Of The International Search Report And The Written Opinion Of The International Searching Authority, Or The Declaration, copy of Written Opinion Of The International Searching Authority, a check in the amount of \$2,426.00 and return stamped postcard, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, ATTN: DO/EO/US.

Mail Room Employee

Depositing Express Mail Material

Attorneys for Applicants: IVAN S. KAVRUKOV, Reg. No. 25,161 PAUL TENG, Reg. No. 40,837 Cooper & Dunham LLP 1185 Avenue of the Americas New York, N.Y. 10036 Tel: (212) 278-0400